

# HOLMESBURG AMATEUR RADIO CLUB, INC.

(a non-profit corporation)

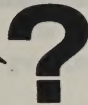
P.O. BOX 6253 ~ PHILADELPHIA, PA. 19136



## NEWSLETTER

MAY  
1983

THE PREZ SEZ



### MEMBERSHIP NEWS

#### New Members:

H.A.R.C. welcomes the following new members to our club:  
Barry Rothman, K3TNB, who has been an amateur for 20 years. He is a lawyer in Philadelphia and his interests lie in nets, field day and ragchewing. He was a pilot for the military. His other hobby is practicing at a shooting range.

Michael Trachtenberg, N3DGE has been in the amateur radio hobby just a few months now and claims the FCC test was easy for him. No wonder, he's an electronic engineer. He enjoys the technical part of amateur radio and likes to build antennas. His other hobby is flying.

Michael Chwieroth, KA3KMZ is also a newcomer to amateur radio, as recently as the beginning of 1983. Mike is an electrician and likes to work DX.

Jay Kuperman, WA3IFY  
Membership Chairman

#### Memo on the next meetings:

Due to a conflict with other commitments, the officers have decided to hold the Directors meeting on May 5, 1983 Thursday evening, and the General Meeting on May 12, 1983 Thursday evening, both at Frankie Masters at the Best Western Motel on the Boulevard.

To The Editor:

Just wanted to say how much I enjoyed the last issue of the Newsletter, especially Dick Levy's column. He always makes me laugh and who doesn't need to laugh once in awhile.

I also have a suggestion for you. Why don't you run a contest to name the Newsletter with a year's free membership as the prize, or whatever the Directors decide?

To get the ball rolling, I have two names so far.... Holmesburg Herald, H.A.R.C.'s SPARKS, etc., etc.

Keep up the good work.

Claire, KA3DNJ

### NUTS, BOLTS, AND OTHER LOOSE THINGS

Had an odd happening the other day. My new VCR has a digital clock, as most others do, and it flashes "12.00" if there has been a power outage. After dinner one evening, I noticed it was flashing. Now when did we have a power failure? If not, did the XYL accidentally pull the plug? Checked other digital clocks in the house which were okay. She MUST have pulled the plug. Oh well, re-set the clock and back to my Icom-245 nearby and make that call I was just making. Keyed the transmitter and the clock went to 12.00 and flashing! I'll be darned. Appologies to the XYL. 10 watts to a 19" whip on the back of the rig in close proximity seems to be enough to trigger the clock. So beware of RF gliches in your VCR from your rig. Murphy, you're a pain!

Have you ever wondered where all the RF energy goes? What if all the old radio broadcasts from the 30's and 40's went out into space and bounced off a distant star system and were now coming back? Why does a flashlight still work if you put the batteries in backwards? Would you believe someone told me it couldn't?

Did you ever ask around for a certain item and finally have to buy it new, for top dollar, only to get a call a day or two later from someone who wants to give you one?

I'm afraid of mail order. I envy those of you who use it and get the items as ordered. Someone out there is getting my stuff. Everything I order never shows up (except the bill) so whoever is getting my stuff... how about returning it? Don't mail it - I'll pick it up.

Beware the full moon. It's been proven it has a weird effect on the human animal. The peak is during a 3 day cycle; before, during, or just after the full phase. My years in the Crime Lab prove it by our statistics on violent crimes. Hmmm, that's usually when I write this junk. See what I mean?

Well, got to run. Don't want to miss the Jack Benny program and the Fred Allen Show on radio this evening. Must be old recordings they're using at the station but it sounds so live. You don't think those old radio waves are really coming back... do you?

**BUY/SELL/TRADE/WANTED/JOBS**

This service is provided FREE to members. The club assumes no responsibility for the condition of equipment offered. Space is provided on a first come basis. All insertions must be received by the editor of this column not later than the 5th of the month the newsletter is scheduled for publication. The editor reserves the right to reject or revise any ad that in his opinion may be commercial in nature or bring discredit to the publication and/or the club. Submit items to Bill Soble, W3QXT, preferably by mail, to 9357 Hoff Street, Phila., Pa. 19115. Requests for insertions by telephone will also be honored, by calling AC 215 PH 676-6769. Please advise if your insertion produced successful results.

**SELL:** TUBES, Receiving, TV, and Commercial. Scarce items. Most all are new and in boxes. No reasonable offer refused.  
Al - W3AYJ - 215-725-2869

**WANTED:** TUNER, for 2 meters. Capable of handling 200 watts. Home grown ok. Must be reasonably priced.  
Rich - N3ABK - 215-331-7165

**FREE:** QST and HAM RADIO MAGAZINES. Yours for the asking.  
Bill - N3APE - 215-677-1466

**WANTED:** RTTY, Model T1, interface, for Level II, Model 1, TRS 80.  
Mike - N3DGE - 215-877-7884

**SELL:** TRANSCEIVER, COMCO, 220 Mhz, AM, Modified for F.M. w/pwr. supply, good cond. Asking \$15.00.  
BEAM ANT., 11 Element, 220 Mhz. Perfect cond. Asking \$15.00

TRANSCEIVER, GONSET, 220 Mhz. AM, continuous tuning, xtal transmit. Good cond. w/manual. 15 watter. \$115.00

TRANSMITTER, AM. well built home brew, for 6 meters, VFO and Xtal. w/pwr. supplies and control deck. Rack mtd. Incl. 6 ft. open relay rack. Fully metered. Asking \$125.00

POWER SUPPLY, D.C. 1750 VDC at 500 MA., variac controlled, over load protected. Thordarson xfmr. Good cond. Asking \$25.00.

ELLIOT - K3JJZ - 215-342-8832

**SELL:** RECEIVER, Drake R4B, TRANSMITTER, Drake T4XB, SSB, AM, CW., 10-160, w/pwr supply, digital readout, & FS4 Drake synthesizer. Asking \$700.00 for all.  
Jay - WA3IFY - 215-289-4531

**SELL:** POWER SUPPLY, 13.8 V.D.C. Regulated. 18 AMPS. Unit removed from commercial computer apparatus. Components fully protected within vented steel case. \$35.00 firm.

Bill - W3QXT - AC 215-676-6769

**WANTED:** Assistance from club members to raise 20 ft. mast atop building in northeast Philadelphia. Very necessary for HARC Inc. N.E. 2 meter input. Contact -  
Richie - WA3AOP - 215-969-0246

**WANTED:** LINEAR AMPLIFIER, 2 meters, 35 to 50 watts output, input for ICOM 2AT, 13.8 VDC, Neg. ground. What do you have?  
Walt - N3BKK - 215-637-1809

**SELL:** TOWER SECTION, 10 ft. Rohn. Cond. Good. \$25.00  
Tom - K3AIJ - 215-331-5185

**SELL:** KENWOOD TS120S, 10 - 80, SSB/CW, 12 VDC. Xlnt for mobile or portable. manual. Cond. Mint. Asking \$395.00  
JOHN - AG30 - 215-677-8771

**SELL:** KENWOOD TS520S w/outboard Kenwood VFO and CW filter. New finals and driver. Call during the day before 2 P.M. Asking \$625.00  
Larry - K3BFQ - 215-364-1336

**SELL:** SANTEC HT1200 w/spkr-mic. \$150.00 pkg. only.  
KEYER, Heath. Very good cond. \$50.00.  
STATION MONITOR, Heath, SB634. Contains SWR/pwr. meter, 24 hr. clock, phone patch, 10 minute timer. like new. \$95.00  
All price negotiable.  
Ed. - N3CTB - 215-676-4417 (evenings)

**BUY/SELL/TRADE/WANTED/JOBS**

**SELL:** AUTEK RESEARCH QF1 AUDIO FILTER,  
Condition - like new. \$40.00

RECEIVER, Heath, General Coverage,  
3.5 to 26.9 Mcs. SSB/AM. (CW filters)  
Self contained power supply. Very  
good condition. w/external speaker,  
manual. \$75.00

JOHN - AG30 - 215-677-8771

**SELL:** TRANSCEIVER, Swan 350, 5 band SSB/  
CW. 10-80 meters, 350 watts PEP.  
Extremely clean, complete with A.C.  
power supply, speaker console,  
GD104 Mike. Good starting rig for  
\$300.00 complete.

PAUL - K3RBO - 215-671-0268

**SELL:** KENWOOD STATION, COMPLETE, consist-  
ing of: TS 180 S, power supply PS 30,  
Speaker SP 180, Remote VFO 180. Mint  
condition. Can be seen in operation.  
Asking \$995.00.

BOB - WB3IRB - 215-673-3611

**SELL:** WALL CHARGERS (AC to DC, and AC to  
AC), 110 VAC input, various low volt-  
ages output. 1 lot consisting of 50  
pieces. \$30.00 for the works. Most  
are new and in boxes.

TUBES, vacuum. Well over a hundred.  
Radio, TV, etc. Many new and in orig-  
inal boxes. RCA, National Union,  
Philco, Sylvania, Hytron, Silvertone,  
etc. Big variety of types. \$50.00  
for the lot.

Bill - W3QXT - 215-676-6769

**WANTED:** VERTICAL ANTENNA, Butternut all  
band, incl. 30 meters, or comparable  
type. Must be in near new condition  
and reasonably priced.

Bill - W3QXT - 215-676-6769

**SELL:** MICROPHONE, Astatic D-104, NEW \$35.00  
Bill - W3QXT - 215-676-6769

**SELL:** STEREO RECEIVER, FM/AM, 2 spkrs, 25  
watts ea channel, w/phono.

Jay - WA3IFY - 215-289-4531

**AMATEUR RADIO FELLOWSHIP MEETING**

"The Future Of Amateur Radio" as discussed on the  
First Teleconference Radio Net of March 3 last, will be  
reviewed at the May 18 meeting of The Greater Northeast  
Philadelphia Amateur Radio Fellowship which meets at the  
Northeast Regional Library, Cottman Avenue-opposite Gim-  
bels. The June 20 program will be a forty minute film  
on Exploring The Unknown.

Programs for the Radio Amateur are held at the Li-  
brary at 7:00 p.m., on the third Monday of the month,  
September through June, except on holidays.

Admission is free as well as the parking which is  
located opposite the Library.

For further information call: Al, W3AYJ, 725-2869

Al Schnipper

# THE ARRL NEWSLETTER

FOR MEMBERS ONLY

MAY ARRL TO FCC - "NO-CODE — NO WAY!"

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Responding to overwhelming opposition to the concept of a no-code license by the membership, the ARRL Board of Directors voted at the Board Meeting last week to file comments stating in the strongest possible manner the opposition of the League to the no-code proposal. This is the statement adopted by the Board explaining the position taken.

"1. The Board initially registered opposition to the concept of a codeless license when it was first raised, citing amateur opinion disclosed by the LRPC Florida State Survey.

"2. Following issuance of Docket 83-28, and up to the time of this Board Meeting, ARRL has maintained an essentially neutral stance, editorially, in correspondence and in discussions. ARRL leadership, to this point, has refrained from attempts to direct or prejudice membership response.

"3. Membership opinion continues to be overwhelmingly opposed to dropping the code requirement. Any tolerance for a no-code license appears to arise more from acceptance of its presumed inevitability than acknowledgement of any intrinsic benefits perceived for the Amateur Radio Service.

"4. Board discussions in depth have led to the conclusion that no satisfactory compromise formula for a codeless license can be established in the foreseeable future. Considering the obligation of the Amateur Radio Service to its public service commitments and disciplined use of the radio spectrum, the board has no alternative but to reject the proposal.

"5. The board is keenly aware of the desirability of encouraging more people, particularly young persons, to join the ranks of Amateur Radio. It is only the method proposed by the Commission that is unacceptable. For its part the Board will continue to seek to improve and extend ARRL programs to reach and support the entry of newcomers to Amateur Radio.

"Therefore, the ARRL Board of Directors meeting in annual session in Hartford, CT on April 21 and 22, 1983, has adopted the following resolution.

"Whereas, the FCC has proposed in Docket 83-28 a significant revision in the structure of the amateur service by introducing a new class of code free amateur license and

"Whereas, the League shares the objective of encouraging and facilitating the  
(continued on next page)

NEW MEMBERS TO ADD TO THE 1983 MEMBERSHIP DIRECTORY

Barry Rothman K3TNB  
3901 Conshocken Av  
Phila. PA. 19131  
477 6716

Mr. Ken Feinberg WA4QKM  
3-C Franklin Road  
Maple Shade, NJ 08052  
609-482-1512

James Fones Perry Jr. KA2IAM  
RD 8 Box 6 Rosenhayn Ave  
Bridgeton, NJ 08302  
609 451 2619

Michael Chwieroth KA3KMZ  
1236 Jennifer Rd  
Phila. PA. 19116  
969 1676

Rabbi Gary M Gans N2EEF  
114 Country Farms Rd  
Marlton, NJ 08053  
609 983 9246

Mr. Howard Kirshner KA3IJP  
1500 Locust Street  
Suite 3507  
Philadelphia, PA 19102  
(U. of P)

## THE ARRL NEWSLETTER

FOR MEMBERS ONLY

pg 6

MAY

(continued from page 1)

entry into the amateur ranks of additional persons, especially bright young persons, but has found little evidence that the requirement for a knowledge of morse code is a significant barrier to such entry and

"Whereas, the ARRL, as the national organization of radio amateurs, has carefully assessed the views of its members concerning the importance of the continuation of a morse requirement for obtaining an amateur license and

"Whereas, the League officers, directors and staff have reviewed the impact of a new license class upon the volunteer examination program proposed in Docket 83-27, and

"Whereas, the League, conscious of the significant contributions made by an Amateur Radio Service which is composed of highly qualified and highly motivated individuals, is concerned that there be no further reduction in the long established entry standards, now, therefore

BE IT RESOLVED by the Board of Directors of the ARRL in annual meeting assembled that the general manager is directed to prepare for filing by counsel comments in the matter of Docket 83-28 stating in the strongest possible manner the opposition of the League to the creation of an amateur license class that does not require demonstration of a knowledge of the Morse code."

✓ The ARRL filed comments with the FCC on the volunteer examination proposal, P.R. Docket No. 83-27, April 25. The League's comments made some suggestions to clarify volunteer licensing procedures.

The League is concerned because the Volunteer Examination Coordinator (VEC) would suffer from extensive unreimbursed expenses incurred while administering amateur exams. The League feels that the Commission must allow the VEC to charge a fee to administer exams.

The amount charged should not produce a profit for the VECs. Fees must be kept to a minimum to cover actual expenses, such as printing and postage. This is the only way the League will participate in the Volunteer Examination Program. Without such a fee system, the long-term financial health of the VEC would be in jeopardy, and, therefore, the whole volunteer exam program would be in jeopardy, also. See June "Happenings" for details.

✓ At the Board Meeting, the ARRL Directors acted on several other topics in addition to the no-code license and the volunteer examination program. Here are some of the highlights of the major actions taken. (Full minutes of the meeting will appear in the June issue of QST.)

After several studies, the Board adopted the position of the VRAC on the issue of the 15-kHz "splinter" channels in the 146- to 148-MHz repeater subband. West of the Continental Divide, there is no particular problem, so the resolution leaves good enough alone. East of the Divide, two conflicting coordination plans are in effect for splinter channels -- upright and inverted. Either system works, but mixing the two does not. Because there are more upright splinter repeaters east of the Divide and wishing to minimize inconvenience, the Board adopted a five-year phase-in of a policy of all upright repeaters east of the Divide. That is, all repeaters between 146 and 147 MHz will be low in/high out, and all between 147 and 148 MHz will be high in/low out. The Board also asked the VRAC to study ways of improving the national repeater coordination system.

The Board decided to try an experiment at the next two National Conventions by conducting membership meetings open to members only. Each person entering will be required to establish that he or she is an ARRL member in good standing. The ARRL President will serve as moderator, and all Directors shall be present to respond to members' queries.

The Board instructed the General Manager to institute a policy of purchasing all items that are to be evaluated in QST's Product Review. After completion of such evaluation, the item shall be made available for sale. An initial pool of \$12,000 was established for this program.

The Board established the ARRL Scholarship Endowment Fund honoring Senator Barry M. Goldwater, K7UGA, and appointed the ARRL Foundation to serve as the fund administrator. The ARRL President shall appoint a committee to develop suitable selection for the scholarship award.

✓ March 30 was such a good day . . . The last issue of the Letter was inadvertently dated wrong. Sorry about that. The correct date for Volume 2 Number 8 is April 14, 1983.

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## THE ARRL NEWSLETTER

FOR MEMBERS ONLY

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✓ The FCC has gotten more than a few radio amateurs mad when, in typical "knee-jerk" fashion, a field office sends a letter to a ham as a result of an RFI complaint by a neighbor. The form letter is obviously intended for a CBer because it admonishes the recipient to "discontinue using a linear amplifier, increased power, or working skip." But the real harm is that the ham's neighbor gets a copy of the letter. Now at least the Dallas FCC field office no longer sends the "CB letter" to the complaining neighbor, thanks to ARRL Assistant Director Eddie Kuykendall, W5UXP. Kuykendall persuaded the District Engineer to use a "neutral" letter when answering the person complaining about RFI. No FCC field office should respond to a citizen complaining about RFI by branding a ham as a CBer and adjudging him guilty of "working skip."

✓ On April 15 the FCC released a Public Notice updating the Amateur Radio Station Call Sign Assignment System. The notice says the Commission does not intend to reissue unassigned call signs in the foreseeable future. It extends to two years the time in which an expired call sign can be renewed, and during which an expired secondary call sign can be transferred to a primary license. Finally, it sets forth a new prefix block, KP5, for Desecheo Island, formerly KP4 along with nearby Puerto Rico.

✓ George Woodward, W1RN, and George Collins, KC1V, of the Technical Department and Steve Pink, KF1Y, of the Club and Training Department have announced their intentions of moving on to positions elsewhere. Hint: Send a resume in now if you are interested in working at ARRL Hq.

✓ Contributed technical articles for QST have been arriving in greater number than during recent months. This has helped to "shore up" the rather grim picture portrayed on our schedule board. All QST issues through October 1983 are now filled, tentatively, with technical copy.

✓ Last time we mentioned the new Australian videotapes in the Hq. Film Library, but we failed to mention the formats available. We can supply copies only in the VHS format. (Sorry, we do not have the facilities for reproducing Beta-format tapes.)

✓ Last time we reported on the CBS news story which mistakenly called an Amateur Radio operator a CBer. Two of our readers who work for CBS have notified us that they've contacted the editors, pointing out the error. Major news organizations try very hard to get the facts straight. If you know of a situation where a ham is mistakenly identified as a CBer by the media, contact the editor and point out the error in a calm, businesslike manner. You probably won't get a "retraction," but the next time the editor will double check when a reporter mentions a "CBer."

✓ The Amador County Amateur Radio Club of California has petitioned for a change of section from the San Joaquin Valley Section to the Sacramento Valley Section. Amador County is on the northern edge of SJV. A preference poll is underway with ballots to be returned by May 6. This poll has been coordinated with the assistance of Director Stevens and the two section managers involved. Should the poll indicate a change is warranted, the matter would be brought to the attention of the Executive Committee.

✓ Dr. Ted Cohen, N4XX, is going on CBS Radio as of May 16 with his show "Report on Personal Computers." This is an outgrowth of his show of the same title carried on Washington CBS affiliate, WTOP. Dr. Ted is a columnist for CQ and Signal magazines and provides part of the propagation information carried in QRZ DX.

✓ A few of you mentioned that issues of Amateuradio have been appearing in your mailbox lately. Amateuradio is the League's monthly public information newsletter, used to keep government officials and Congresspeople informed about Amateur Radio news and public service. Amateuradio is also sent to subscribers of The ARRL Letter, as a free bonus.

If you don't need the issues of Amateuradio, please pass them on to a local government official (police chief, for example). We need to keep them aware of the Amateur Radio Service.

✓ The FCC has eased or eliminated licensing requirements for several commercial services. The changes will appear in the Federal Register, and will probably become effective 30 days later.

# THE ARRL NEWSLETTER

FOR MEMBERS ONLY

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## DX

In the last issue, we reported that the Spratly crew was under attack. According to press reports the German yacht Siddhartha was attacked at close range (presumably by the Vietnamese) and sank on April 10 just off the coast of Amboyna Cay, a small island in the Spratly group.

Baldur Drobnica, DJ6SI, Norbert Willand, DF6FK, Peter Marx, the yacht's skipper and his wife, Jenny, were picked up by the Linden, a Panamanian ship.

Diethelm Muller, DJ4EI, died when the yacht was attacked; Gero Band, DJ3NG, died at sea a few days later.

The small islands were worth little more than the deposits of fertilizer produced by bird droppings, until the discovery of oil in the nearby waters made them potentially significant. Vietnam, China, Taiwan, The Philippines and Indonesia all claim the Islands.

FB8ZQ has been on cw around 14025 kHz around 1100Z daily.

FO8JP is extremely active, particularly between 0300 and 1200Z, on both modes on 15, 20 and 40 meters.

Thanks in part to K1MM, K1MEM, W1TRC & N1AJO of the So. New England DX Assoc.

✓ A new 10-GHz Beacon will soon be operational from Burlington, CT. W1VD/B will transmit on 10.25 GHz with approximately 70 mW using an omni-directional antenna. (TNX New England Report)

✓ K2BSA will be dusted off once again as the Cavalcade of Scouting operates from Bergen Community College (NJ) on May 20-22. Look for them 5 kHz inside General portion of all bands 160 - 2 meters on all modes (cw/phone/RTTY/SSTV(20m)/ATV).

K2BSA is the callsign of the Boy's Life Radio Club -- the Boy Scout National station.

✓ Want your net listed in the Net Directory? Send the net name, frequency (input and output for repeaters), meeting days and times, and the manager's call sign to ARRL Hq. before June 1. Form CD-85, available from Hq. for an s.a.s.e., is the official registration card and is helpful but not mandatory.

## Space

The launch of Phase IIIB via the European Space Agency's Ariane vehicle has slipped from the first week in June to a yet to be determined date, perhaps as much as six weeks later. According to information relayed from the AMSAT launch crew at the site in Kourou, French Guiana, the delay stems from problems with the turbo pumps in the third stage and the inertial navigation system. "The problems are multi-dimensional and not insignificant," says AMSAT's Jan King, W3GEY.

The crew has completed the assembly of Phase IIIB up to the fueling stage. The balance of the work will be completed only after ESA has set a firm launch date. AMSAT expects ESA to set a new date May 16.

✓ Do you "homebrew" gear for 420 MHz to 24 GHz and up? Do you know someone who does? If so, please contact Chuck Hutchinsen, K8CH, at ARRL Hq. Chuck is looking to pay authors as contributing editors for unpublished, original projects suitable for use in a new ARRL book.

✓ This list (released April 15) shows the last call sign in each group to be assigned for each district, as of the first of April.

Dist.	A	B	C	D
Ø	NAØF	KDØDX	NØEOR	KAØPZC
1	KO1X	KB1GY	N1CQF	KA1KCU
2	KZ2R	KC2YF	N2EFP	KA2RWB
3	KN3M	KC3HC	N3DIQ	KA3KVX
4	WO4D	KF4VM	N4IOA	KB4EQT
5	NF5Q	KD5YJ	N5FVE	KA5QMN
6	NT6Y	KF6RH	N6LJN	KA6ZUX
7	NB7U	KD7IL	N7FBQ	KA7PUT
8	NC8J	KD8FK	N8EUS	KA8SAP
9	KV9L	KC9ZN	N9DWD	KA9PIX
HI	WH6H	AH6EQ	KH6WZ	WH6AVW
AK	WL7S	AL7EX	NL7AM	WL7AZF

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MAY

# NEWSLETTER

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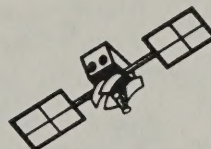
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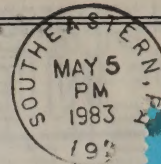
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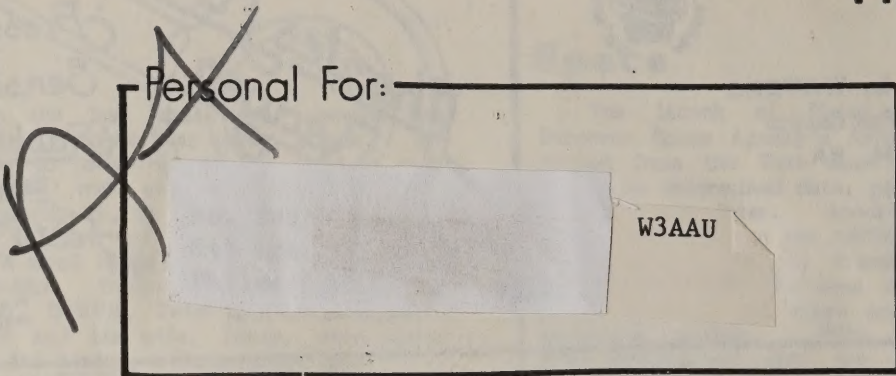
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# NEWSLETTER

MAY  
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TREASURER: N2BWC Andy  
SECRETARY: KA3DNJ Claire

1 Year TRUSTEE: K3BSM Bob  
2 Year TRUSTEE: WA3IFY Jay  
3 Year TRUSTEE: WA3AOP Rich